

ABSTRACT

An optical fiber connection component which is easy to adjust the distance between the optical fiber ends before connection, hardly damages the optical fiber during transportation or connection, and saves the number of parts and the cost, and a method for connecting optical fibers by using this component. The optical fiber connection component used for the optical fiber connection method consists of a connection member having one or more optical fiber through-holes provided with guides for rodlike coupling member at or near both side ends, rodlike coupling members, and a plug having through-holes for rodlike coupling members. The connection member is arranged in the plug slidably with the rodlike coupling member inserted in the plug. Two such optical fiber connection components are opposed to the optical fiber inserted in the through-hole to butt the through-holes of both the connection members against each other. Both the connection members are slid in the direction of the center axis of the optical fiber along the rodlike coupling member guided by the guide, so that the optical fibers are jointed in the through-hole of one connection member.